Notice of Allowability	Application No. Applicant(s)		,
	10/008,048	008 048 CROWLEY ET AL	
	Examiner	CROWLEY ET AL.	
	Lourdes C. Cruz	2827	
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHT of the Office or upon petition by the applicant. See 37 CER 1.313	ears on the cover sheet (OR REMAINS) CLOSED or other appropriate com	with the correspondence add on this application. If not include	ded
of the Office or upon petition by the applicant. See 37 CFR 1.313 1. This communication is responsive to A telephone interview 2. The allowed claim(s) is/are 1-29. 3. The drawings filed on are accepted by the Examine 4. Acknowledgment is made of a claim for foreign priority und a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 5. Acknowledgment is made of a claim for domestic priority und (a) The translation of the foreign language provisional agents.	the result of th	or (f). tion No yed in this national stage application approvisional application).	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the submitted of the submi	this communication to file his application. THIS TH	a reply complying with the requ IREE-MONTH PERIOD IS NOT	EXTENDABLE
 8.	orrection filed, wh	nich has been approved by the E or in the Office action of Paper	No. <u>20</u> .
of each sheet. The drawings should be filed as a separate paper w 9. DEPOSIT OF and/or INFORMATION about the deposi attached Examiner's comment regarding REQUIREMENT FOR TH	t of BIOLOGICAL MAT	ressed to the Official Draftsperso	on.
Attachment(s) 1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 5 Information Disclosure Statements (PTO-1449), Paper No 7 Examiner's Comment Regarding Requirement for Deposit of Biological Material	4⊠ Intervie 6⊠ Examin	of Informal Patent Application (F w Summary (PTO-413), Paper l er's Amendment/Comment er's Statement of Reasons for A	No. <u>20</u> .
IIS Patent and Todomost Office			

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DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Garred on 04-02-03.

The application has been amended as follows:

In the claims:

Claim 1:

In line 8 of the claim, after "strap" delete [extending between and] and add – having a flange portion—

In line 9 of the claim, before "the die" delete [coupling] and add -coupled toIn line 9 of the claim, after "the die and" add - having a foot electrically coupled to-

Claim 12:

In line 8 of the claim, after "strap" delete [extending between and] and add – having a flange portion—

In line 9 of the claim, before "the die" delete [coupling] and add -coupled toIn line 9 of the claim, after "the die and" add - having a foot electrically coupled to-

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Claim 21:

In line 8 of the claim, after "strap" delete [extending between and] and add – having a flange portion—

In line 9 of the claim, before "the die" delete [coupling] and add -coupled toIn line 9 of the claim, after "the die and" add - having a foot electrically coupled to-

Claim 23:

In line 8 of the claim, after "strap" delete [extending between and] and add – having a flange portion—

In line 9 of the claim, before "the die" delete [coupling] and add -coupled toIn line 9 of the claim, after "the die and" add - having a foot electrically coupled to-

Claim 24:

In line 9 of the claim, after "strap" delete [disposed between] and add – having a flange portion—

In line 9 of the claim, before "the PMOSFET die" and add -coupled to-In line 9 of the claim, after "die and" add - having a foot connected to-

Drawings

The following changes to the drawings have been approved by the examiner: All of the cross hatching patterns should be selected from those shown on page 600-81 of the MPEP based on the material of the part. Also see 35 CFR 184 (h)(3) and MPEP

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608.02. In order to avoid abandonment of the application, applicant must make these above drawing changes.

The following is an examiner's statement of reasons for allowance: There is prior art regarding semiconductor packages including a die, a die pad and a plurality of leads wherein at least some of the leads being integrally connected to the die pad. See, for example, US6256200 to Lam et al., wherein the above is disclosed.

However, the application as amended by the examiner recites a semiconductor package having a die pad, a die disposed on the die pad, and an encapsulate material with the specific disposition of the encapsulate with respect to other structures, and more specifically, a package including a conductive strap with a flange portion coupled to the die and a foot coupled to at least some of the leads.

These, in combination with all the specific structural limitations in the claims, is neither obvious over nor anticipated by the prior art of record, which fails to either alone or in combination anticipate the claimed device as amended by the examiner.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lourdes C. Cruz whose telephone number is 703-306-5691. The examiner can normally be reached on M-F 10-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Talbott can be reached on 703-305-9883. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Lourdes C. Cruz Examiner Art Unit 2827

Lourdes Cruz April 2, 2003